



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of

Hiroaki JO

Group Art Unit: 2811

Application No.: 10/781,830

Examiner: Unknown

Filed: February 20, 2004

Docket No.: 118377

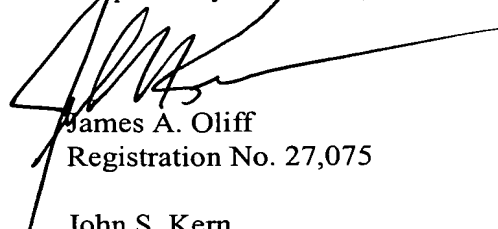
For: ELECTRONIC CIRCUIT, ELECTRONIC DEVICE, ELECTRO-OPTICAL APPARATUS,  
AND ELECTRONIC UNITINFORMATION DISCLOSURE STATEMENTCommissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. An English language Abstract of the non-English language reference is attached hereto.
- ☒ 3. A computer-generated English language translation of the following Japanese Patent Publication has been obtained from the website of the Japanese Patent Office ([<http://www.jpo.go.jp>]), and is attached, but has not been reviewed for accuracy.

Respectfully submitted,



James A. Oliff

Registration No. 27,075

John S. Kern

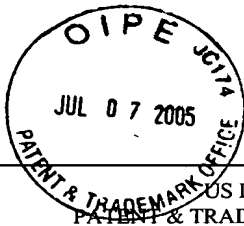
Registration No. 42,719

JAO:JSK/kap

Date: July 7, 2005

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Sheet 1 of 1Form PTO-1449  
(REV. 8-83)US Dept. of Commerce  
PATENT & TRADEMARK OFFICEATTY DOCKET NO.  
118377APPLICATION NO.  
10/781,830

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT  
Hiroaki JOFILING DATE  
February 20, 2004GROUP  
2811

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |  | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB<br>CLASS |
|---------------------|--|-----------------|------|------|-------|--------------|
|                     |  |                 |      |      |       |              |
|                     |  |                 |      |      |       |              |
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|                     |  |                 |      |      |       |              |
|                     |  |                 |      |      |       |              |

## FOREIGN PATENT DOCUMENTS

|  |   | DOCUMENT NUMBER                             | DATE      | COUNTRY | CLASS | SUB<br>CLASS |
|--|---|---|-----------|---------|-------|--------------|
|  | 1 | JP A 2001-042827 w/Abstract and Translation | 2/16/2001 | Japan   |       |              |
|  |   |   |           |         |       |              |
|  |   |   |           |         |       |              |
|  |   |   |           |         |       |              |
|  |   |   |           |         |       |              |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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EXAMINER

DATE CONSIDERED

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: July 7, 2005